

Technical Specifications

| | |
|---|--|
| Power supply | 9 ... 30VDC |
| Power consumption | typ. 0.25W |
| Power loss | max. 0.25W |
| Ambient Temperature | -25 ... 70°C / -13 ... 158°F |
| Humidity | max. 95% r.H. (non condensing) |
| Movement detection | passive infrared sensor |
| Motion detection range | 8m / 26.25ft (at height of 3m / 9.84ft) |
| Recommended installation height | 2.5 ... 3.5m / 8.2 ... 11.5ft |
| Installation height | max. 3.5m / 11.5ft |
| Detection angle vertical | 110° |
| Detection angle horizontal | 360° |
| Measuring range of brightness sensor | 0 ... 32000lx |
| Acoustic detection | 60Hz ... 20kHz, mono |
| Safety rating | IP20 |
| Dimensions | Outer diameter of bezel: 86mm (3.39"), Installation depth: 40mm (1.57"), Hole diameter: 68 ... 72mm (2.68 ... 2.83") |
| Maintenance & Cleaning | This device is free of maintenance and may only be cleaned with a dry cloth. |

LOXONE

Need Help?

loxone.com/support

Loxone Electronics GmbH
Smart Home 1
4154 Kollerschlag
Austria

loxone.com

Loxone UK
The Forum
Station Road
Theale, RG7 4RA
United Kingdom

V150623



LOXONE



Flush-mounted Presence Sensor Tree

Part No.: 100466 (White)
Part No.: 100467 (Anthracite)

About the product

The Loxone flush-mounted Presence Sensor Tree is used to detect presence, motion and brightness for home and similar non safety critical applications.

Installation & electrical connection

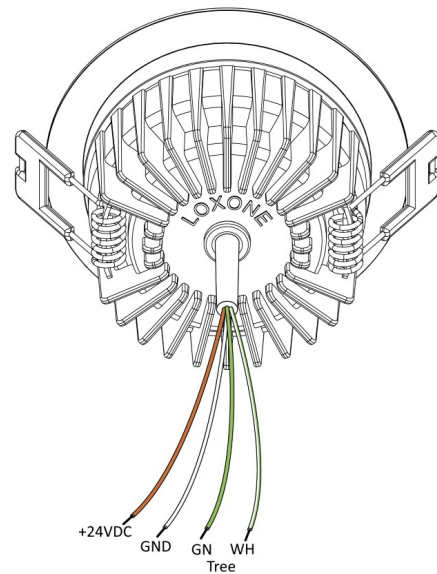
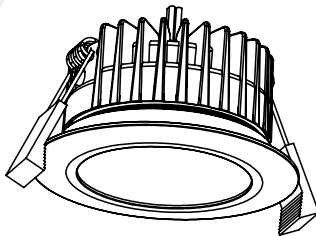
The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturers guidelines the protection of the device may be affected.

Connection Terminals

| | |
|-------------------------------|--|
| Wire cross-section | 0.14 ... 4mm ² / AWG24 ... 12 |
| Stripping length | 11mm / 0.43" |
| Temperature resistance | max. 85°C / 185°F for UL |

Connection Cable

| | |
|-------------------------------|-----------------------------|
| Wire cross-section | 0.75mm ² / AWG18 |
| Stripping length | 11mm / 0.43" |
| Temperature resistance | max. 70°C / 158°F for UL |
| Cable length | 200mm / 7.87" |
| Orange / White | +24VDC / GND |
| Green / Green-White | Loxone Tree |



This folder is a part of the product!



For additional information, declaration of conformity, visit www.loxone.com/help/presence-sensor-tree